

S/N 09/687,483



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BRAUN, Andreas, et al.

Serial No.: 09/687,483

Filed: October 13, 2000

Title: Methods for Generating Databases and Databases for Identifying Polymorphic Genetic Markers

Examiner: CLOW, Lori A

Group Art Unit: 1631

Docket: SEQ-2033-CP

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam,

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. § 1.97(c)(2), Applicants have included the fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p). If any additional fees are due or overpayment, please contact the undersigned attorney at (858) 623-9470.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Page 2

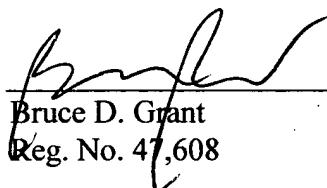
Dkt: SEQ-2033-CP

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

Date 2 March 2005
BioTechnology Law Group
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By

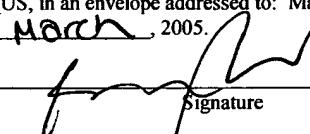


Bruce D. Grant
Reg. No. 47,608

CERTIFICATE OF TRANSMISSION/MAILING

The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail Label No. ED109900211 US, in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of March, 2005.

March 2, 2005

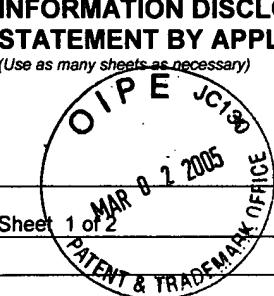


Signature

Bruce D. Grant
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)


Sheet 1 of 2

Complete if Known

Application Number	09/687,483
Filing Date	October 13, 2000
First Named Inventor	BRAUN, Andreas, et al.
Group Art Unit	1631
Examiner Name	CLOW, Lori A

Attorney Docket No: SEQ-2033-CP

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BREEN, G., et al., Determining SNP Allele Frequencies in DNA Pools, <i>BioTechniques</i> , (2000), 464-470, 28(3).	
		BUETOW, Kenneth H. et al., High-throughput development and characterization of a genomewide collection of gene-based single nucleotide polymorphism markers by chip-based matrix-assisted laser desorption/ionization time-of-flight mass spectrometry, <i>Proc. National Association of Science</i> (2001), 581-584, 98(2) <i>PNAS</i> http://www.pnas.org .	
		DOWNES, Kate, et al., SNP allele frequency estimation in DNA pools and variance components analysis, <i>BioTechniques</i> , (2004), 840-845, 36(5), The Wellcome Trust Sanger Institute.	
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		HOOGENDOORN, Bastiaan, et al., Cheap, accurate and rapid allele frequency estimation of single nucleotide polymorphisms by primer extension and DHPLC in DNA pools, <i>Hum Genet</i> (2000) 488-493, 107, Pringer-Verlag.	
		LAKEN, Steven J. et al., Genotyping by mass spectrometric analysis of short DNA fragments, <i>Research, Nature Biotechnology</i> , (1998), 1352-1356, 16, Nature America Inc. (http://biotech.nature.com).	
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		RISH, Neil, et al., The Relative Power of Family-Based and Case-Control Designs for Linkage Disequilibrium Studies of Complex Human Diseases I. DNA Pooling, <i>Genome Research</i> , (1998), 1273-1288, 8, Cold Spring Harbor Laboratory Press.	
		ROSS, Philip, et al., Quantitative Approach to Single-Nucleotide Polymorphism Analysis Using MALDI-TOF Mass Spectrometry, <i>BioTechniques</i> , (2000) 620-629, 29(3).	
		SASAKI, Tomonari, et al., Precise Estimation of Allele Frequencies of Single-Nucleotide Polymorphisms by a Quantitative SSCP Analysis of Pooled DNA, <i>Am. J. Hum. Genet.</i> (2001)	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached

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Sheet 2 of 2

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Group Art Unit	1631
Examiner Name	CLOW, Lori A

Attorney Docket No: SEQ-2033-CP

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		214-218, 68, The American Society of Human Genetics.	
		ZHOU, Guo-Hua, et al., Quantitative detection of single nucleotide polymorphisms for a pooled sample by a bioluminometric assay coupled with modified primer extension reactions (BAMPER), Nucleic Acids Research, (2001) 1-11, 29(19 e93), Oxford University Press.	

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